

ABSTRACT

The AGC circuit that is provided in an RF receiver
is equipped with the detection circuit that detects a
5 high frequency reception signal and outputs the detection
signal including a pulsating component and implements
the gain control on an RF amplification circuit according
to the detection output. The amplifier (DC amplifier)
that is connected immediately after the detection circuit
10 is configured to be deteriorated in its high frequency
property or a unit that deteriorates the high frequency
property is connected to the amplifier. According to
such a configuration, the pulsating component that is
overlapped with the detection output is removed as much
15 as possible.